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NPIC/R-68/63
April 1963

[REDACTED] REPORT

POL STORAGE SITE IPPOLITOVKA, USSR



ARMY



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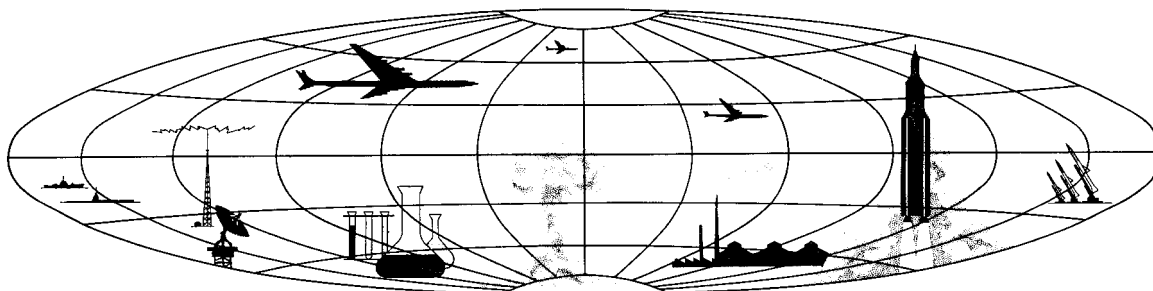
CIA

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PREFACE

This report has been prepared in response to CIA Requirement DDI/RR/E/R-61/61, requesting a study of the new facilities constructed since 1956 within a POL storage site at Ippolitovka (formerly called Kremovo). The mensural data included in this report are only approximate because of the poor image definition and small scale of the photography.

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POL STORAGE SITE, IPPOLITOVKA, USSR

INTRODUCTION

25X1B

A POL storage site is located at 44-04-00N 132-17-40E, 1.5 nautical miles (nm) northeast of Ippolitovka and 21 nm northeast of Ussuriysk (formerly Voroshilov), on the east side of the Trans-Siberian Railroad between Vladivostok and Khabarovsk. The Vladivostok-Khabarovsk highway lies 1.3 nm east of the site. Several reports, one of which is based on [REDACTED] photography, have identified the installation as a regional storage site for petroleum products serving several nearby airfields and other local facilities. 1/ 2/ 3/ Products reportedly stored

include avgas, motor gasoline, kerosene, lubes,

the construction of additional storage tanks, roads, and a rail spur to serve a new facility still under construction.

25X1D

25X1B

DETAILED ANALYSIS

The POL storage site covers an area approximately 5,000 by 3,000 feet (Figure 1). It is double fenced except for the southern boundary where only a single fence line is visible. A wooded area obscures a section of the fence line on the east. Guard towers are situated throughout the area. A small area (item 1)* under construction immediately south of the security fence does not appear to be associated with the POL storage site. The eight-tank, rail-served POL storage tank area (item 2) located west of the Trans-Siberian Railroad and 0.5 nm southwest of the POL storage site does not appear to be directly associated with the POL site. A single-track rail spur and road enter the southwest sector of the site from the town of Ippolitovka. In addition, the site is connected by a good road to the Vladivostok-Khabarovsk highway to the east. The administration and housing areas

are located generally in the southwest corner of the installation. The warehouse and open storage areas, served by both road and rail, are in the western and central sectors. The eastern sector contains mounded POL tanks (all except five of which are revetted), bunkers, and open storage of horizontal tanks. Most of the buildings and tanks existed in [REDACTED] and have been depicted in black on Figure 1.

25X1D

The new tankage, buildings, and construction noted on the [REDACTED] are shown in red on Figure 1. Fifteen new mounded POL tanks, five of which were under [REDACTED] have been added to the east side of the storage site and are served by new roads. These tanks are clustered in three groups of five tanks each. Approximately 12 new buildings have been added within the storage site. A new road, ending in a loop, extends eastward from the southwest sector of the site (item 3). Three possible buildings are located along the road, and one possible

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*Item numbers are keyed to Figure 1.

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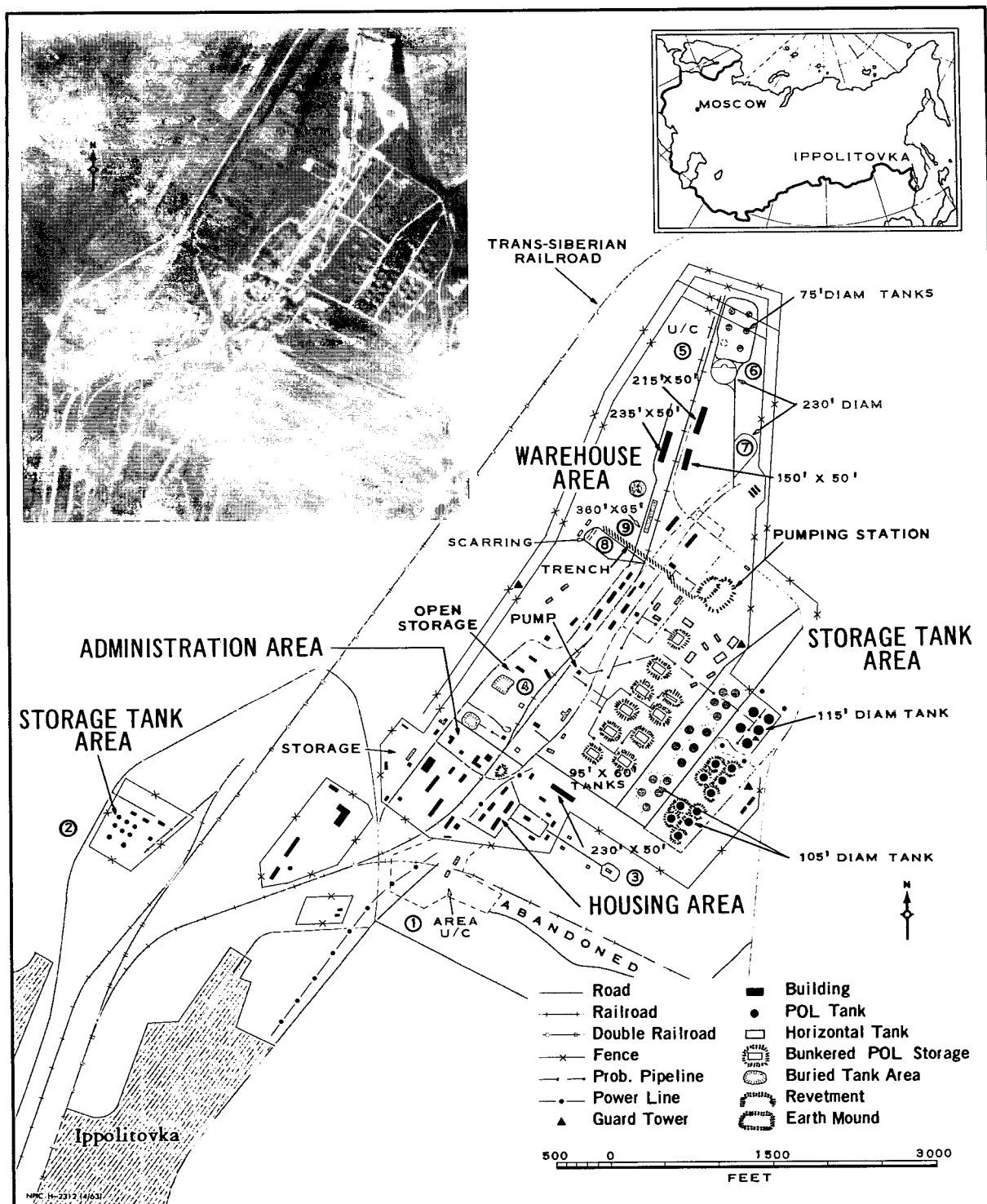


FIGURE 1. POL STORAGE SITE, IPPOLITOVKA, USSR.

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25X1D building is located within the loop. The security
25X1D fence line visible on the [REDACTED] ex-
cludes this new road. Whether or not the fence
has been extended to include this facility can-
not be determined from the small-scale [REDACTED]
photography. A possible siding (item 4) has
been added to the main rail spur serving the
installation. The northeast end of the main
25X1D rail spur, which was under construction in
[REDACTED] now appears to be complete. New con-
struction activity is evident in the northern
sector of the storage site. This activity is
served by a new rail spur and possible siding
(item 5). The probable removal or relocation
of a guard tower and the extension of the
security fence in this area can be attributed
to this construction activity.

The construction activity at the northern
end of the site (item 6), which comprises an
area 500 by 350 feet, appears to be new tankage.
This tankage is served by a rectangular road
pattern which has a contiguous circular road
pattern on the south. Within the rectangular
road pattern are five probable vertical tanks
with a diameter of 75 feet. A possibility
exists that a sixth tank may have been installed,
making two rows of three tanks each within
the rectangular area. A parking apron is on
the north side of the circular road, which is
230 feet in diameter.

Approximately 1,000 feet south-southeast of
this area is a loop road (item 7) with a diameter
of 230 feet. This may be a pull-off area for
trucks or the beginning of construction activity
for additional storage facilities. Two thousand
feet southwest of the rectangular road pattern
is another loop road (item 8) extending west
from the main road serving the storage site.
Two probable buildings are situated on the west
side of the base of the loop. Across the road
from these probable buildings is a small area

of unidentified ground scarring, possibly indi-
cating additional construction. A trench noted
on [REDACTED] photography (item 9), possibly
a pipeline under construction from the pumping
station, ended in the area now containing the
probable buildings. Only one of the buildings
constructed [REDACTED] is of significant size
(item 10). This structure appears to be a ware-
house or storage-type building approximately
360 by 65 feet and is located in the vicinity
of the three large warehouses that were present
[REDACTED]

The new construction in the northern sector
of the POL site bears similarities to several
probable POL storage sites that are not asso-
ciated with large storage areas. Four examples
of these are located near Astrakhan at 46-23-20N
47-57-50E, near Poltava at 49-35-20N 34-
29-00E, near Stryy at 49-13-10N 23-45-20E,
and near Tartu at 58-27-00N 26-41-30E (Fig-
ure 2). A feature common to all these in-
stallations is a rectangular road pattern with
a contiguous loop road. All the installations
are secured and are served by both road and
rail. All the loop roads, with the possible
exception of that at Astrakhan, have from one
to three parking aprons. Small buildings are
also visible at two of these installations.

Four vertical tanks are clearly visible with-
in the rectangular road pattern at Astrakhan
and appear to be for POL storage. One of
the tanks, which is uncovered, is 75 feet in
diameter. Another of the tanks, which is covered
but not mounded, is 65 feet in diameter. The
remaining two tanks are mounded and are 80
feet in diameter.

The area within the rectangular road pattern
of the facilities at Poltava, Stryy, and Tartu
is not clearly defined, but the visible outlines
suggest mounded tanks.

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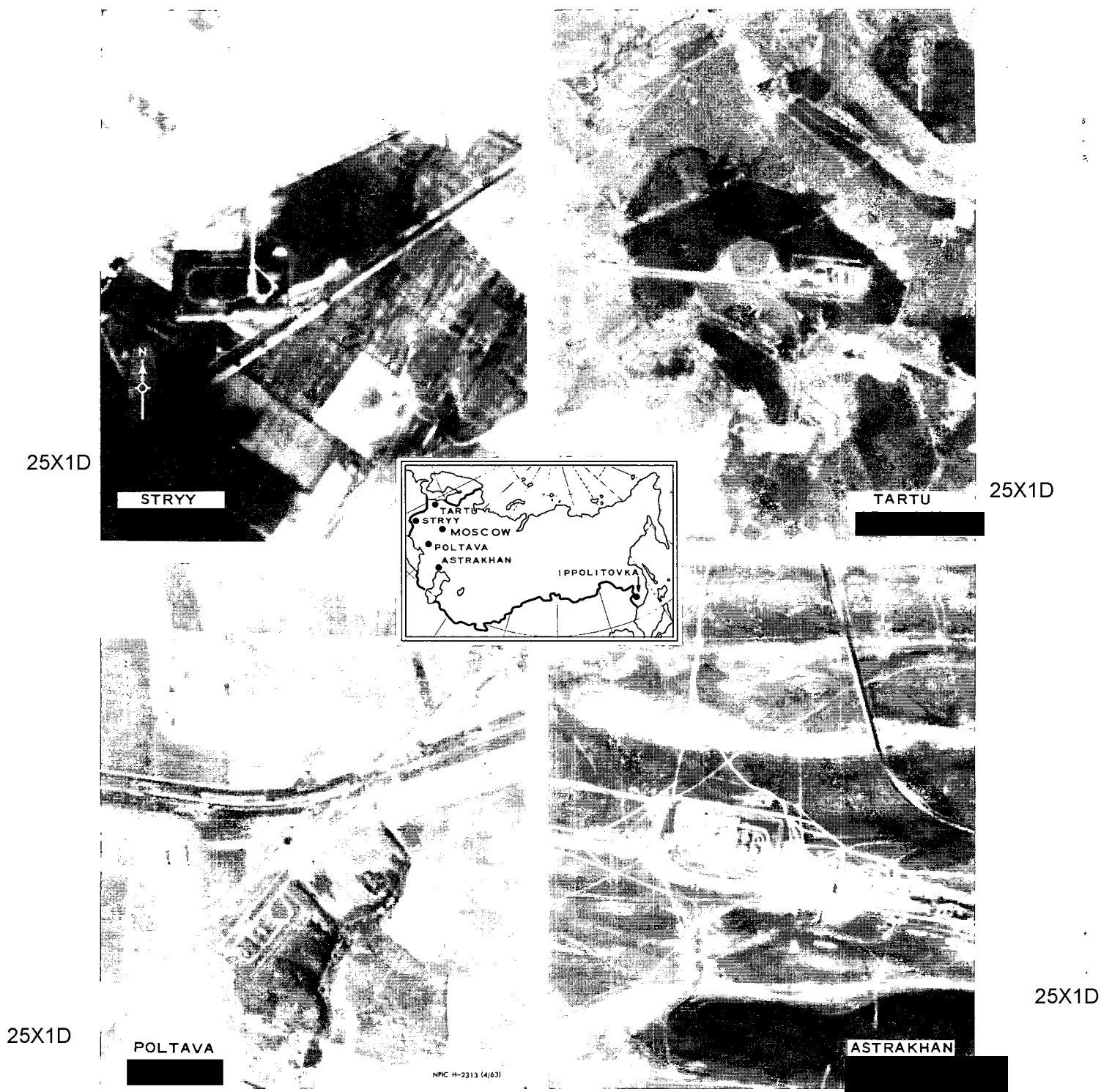


FIGURE 2. SELECTED PROBABLE POL STORAGE SITES. Note the similarity to the new construction in the northern sector of the Ippolitovka POL site.

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CONCLUSIONS

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[REDACTED]

The 15 mounded POL tanks added since [REDACTED] appear to be for conventional POL storage. The fact that the activity in the

northern sector of the site is located within a large POL storage facility supports the assumption that it provides additional storage and handling facilities for POL products, although it has been compared with facilities not associated with large storage sites. In general, the Ippolitovka site appears to be a regional POL installation serving the many nearby airfields.

25X1D

REFERENCES

PHOTOGRAPHY

25X1D

<u>Mission</u>	<u>Date</u>	<u>Pass</u>	<u>Camera</u>	<u>Frames</u>	<u>Classification</u>
[REDACTED]					

MAPS OR CHARTS

Ippolitovka

ACIC. US Target Complex Chart, Series 25, Sheet 0282-9945-0-25A, 1st ed, Oct 55, scale 1:25,000 (CONFIDENTIAL)

SAC. US Air Target Chart, Series 200, Sheet 0282-21A, 2d ed, Jul 59, scale 1:200,000 (SECRET)

SAC. US Air Target Chart, Series 200, Sheet 0291-1A, 1st ed, Jun 58, scale 1:200,000 (SECRET)

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Astrakhan

SAC. US Air Target Chart, Series 200, Sheet 0248-14A, 1st ed, Aug 59, scale 1:200,000 (SECRET)

Poltava

SAC. US Air Target Chart, Series 200, Sheet 0234-11A, 2d ed, Jun 60, scale 1:200,000 (SECRET)

SAC. US Air Target Chart, Series 200, Sheet 0234-16A, 2d ed, Jun 60, scale 1:200,000 (SECRET)

Stryy

SAC. US Air Target Chart, Series 200, Sheet 0232-20A, 1st ed, Aug 57, scale 1:200,000 (SECRET)

Tartu

SAC. US Air Target Chart, Series 200, Sheet 0153-8A, 3d ed, Oct 59, scale 1:200,000 (SECRET)

SAC. US Air Target Chart, Series 200, Sheet 0153-13A, 2d ed, Jan 60, scale 1:200,000 (SECRET)

DOCUMENTS

1. SAC. DPIR-W26-57, 20 May 57 (TOP SECRET [REDACTED])

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2. Army, Moscow. R-325, [REDACTED] 21 Oct 59 (SECRET)

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3. Air, Moscow. [REDACTED] 18 Apr 60 (SECRET)

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4. ACIC. TIS 0282-9945, Aug 55 (SECRET)

5. Air, Moscow. [REDACTED] 5 Sep 59 (SECRET)

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6. Air, Moscow. [REDACTED] 15 Dec 60 (SECRET)

7. Air, Moscow. [REDACTED] 27 Jul 61 (SECRET)

8. Army, Hq 509th ICG. Rpt No 0735B/61, 16 Oct 61 (CONFIDENTIAL)

REQUIREMENT

CIA. DDI/RR/E/R-61/61

NPIC PROJECT

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